

FIG. 1

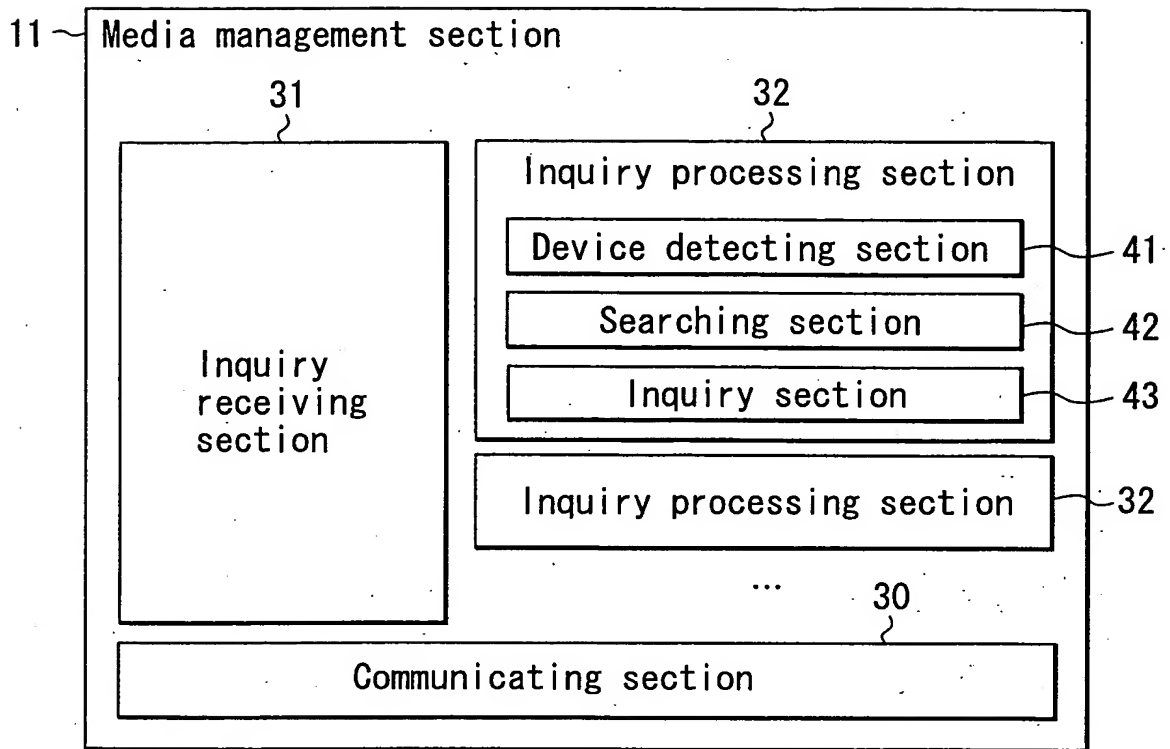


FIG. 2

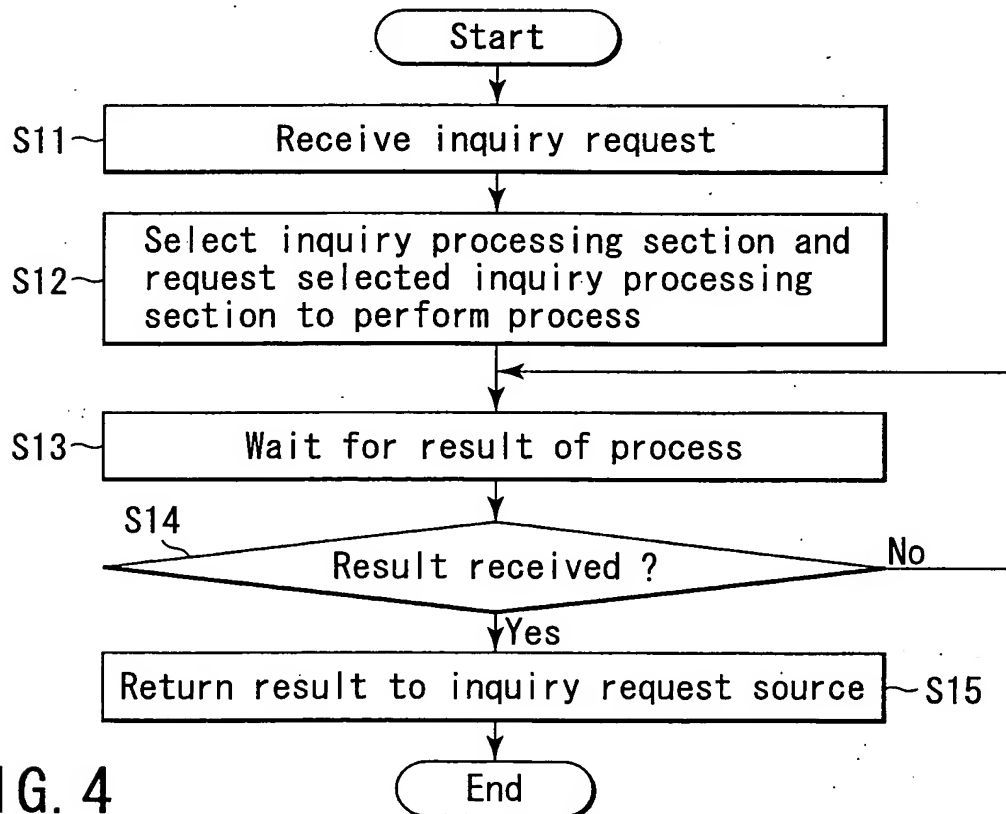
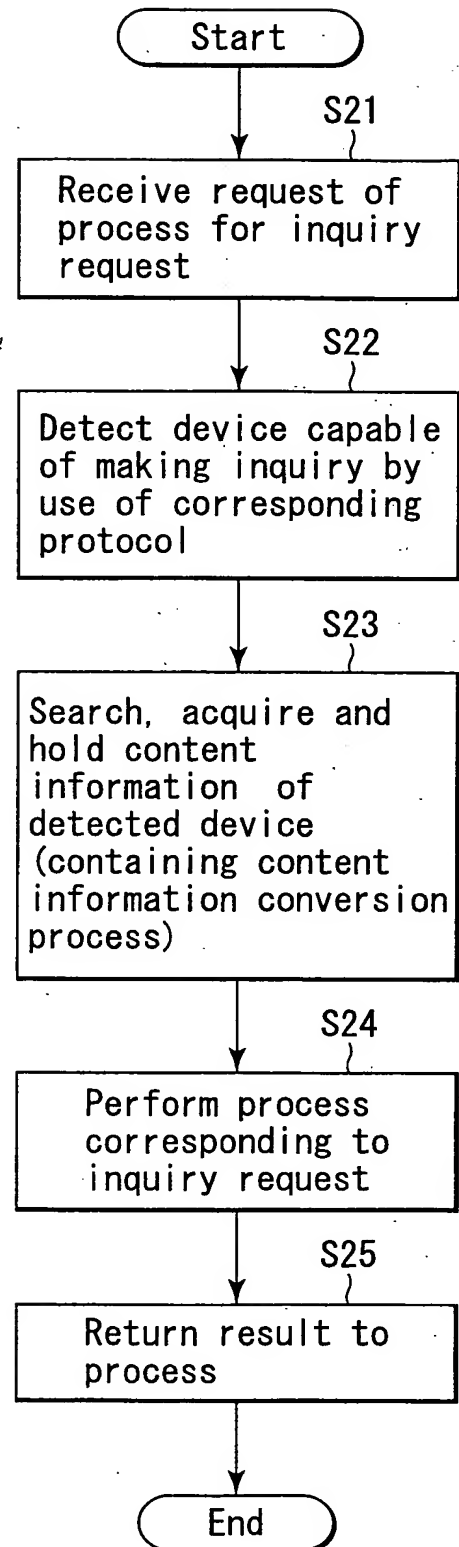
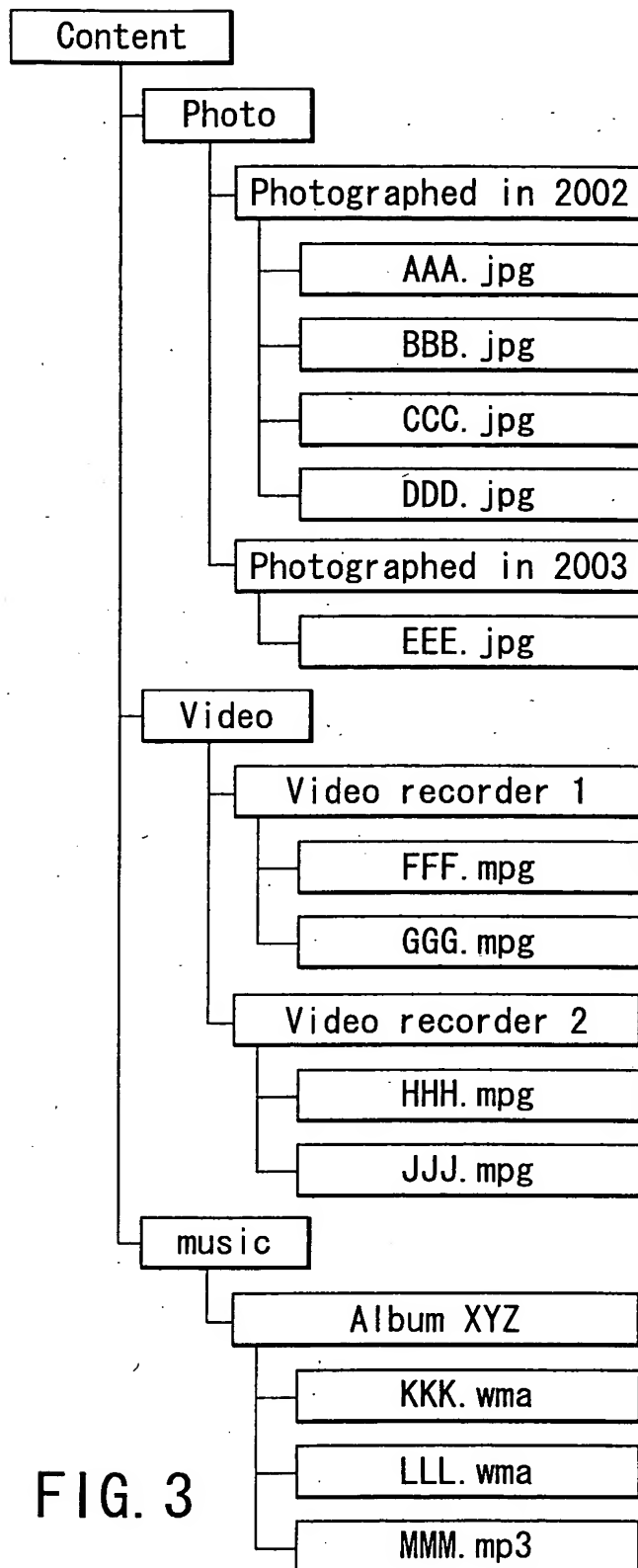


FIG. 4



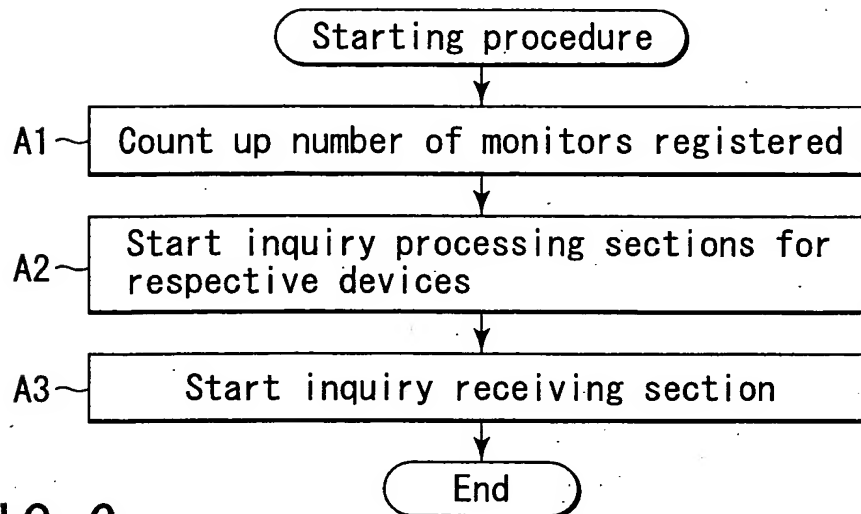


FIG. 6

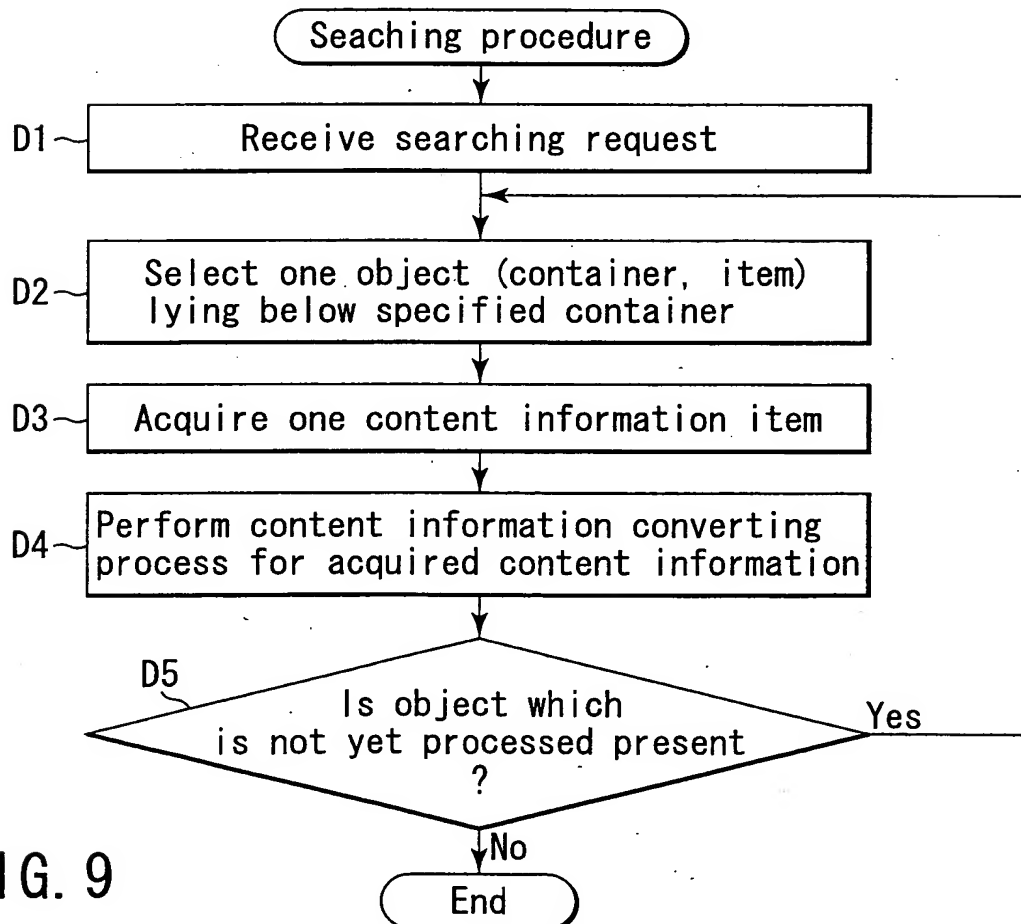
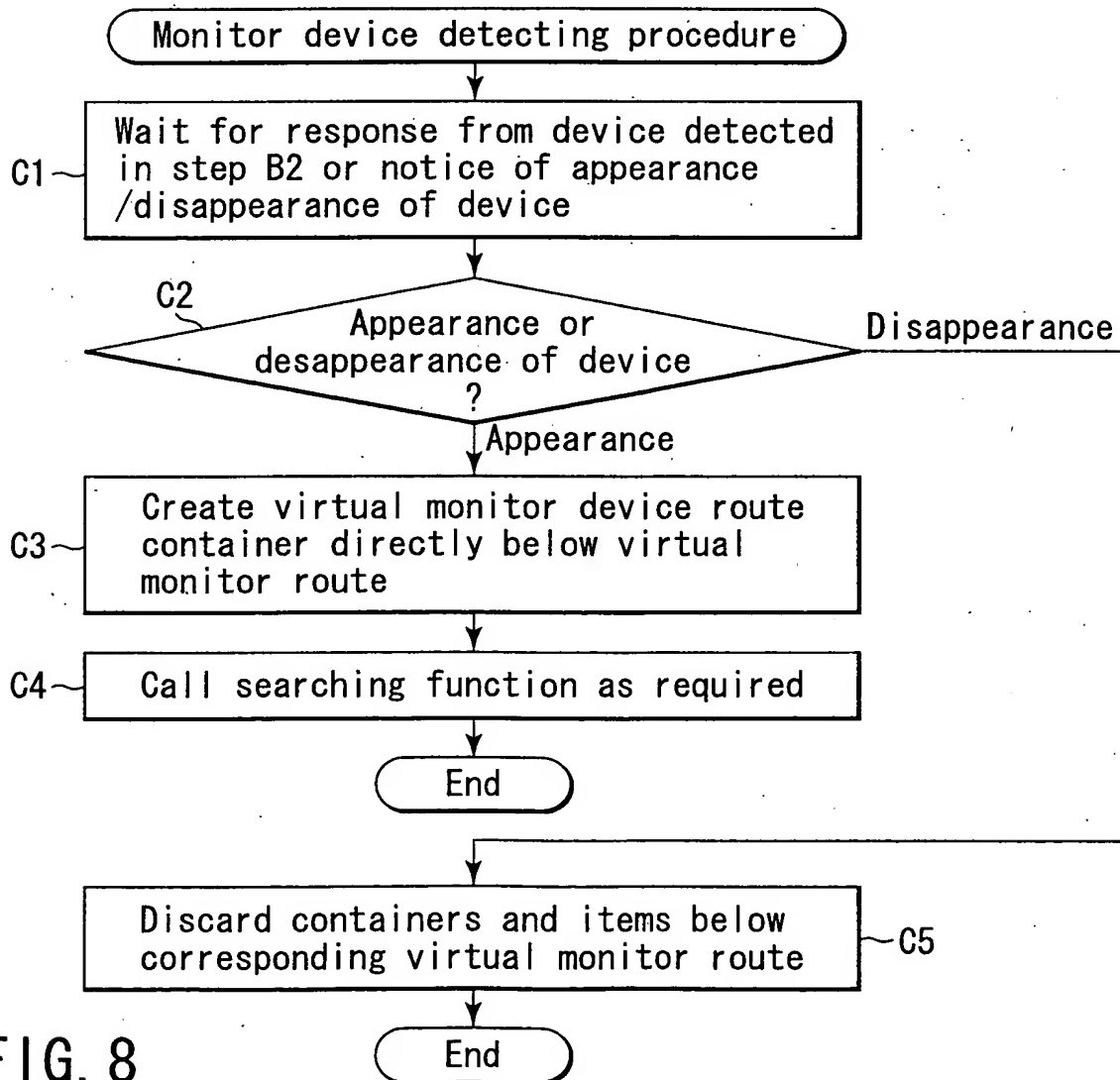
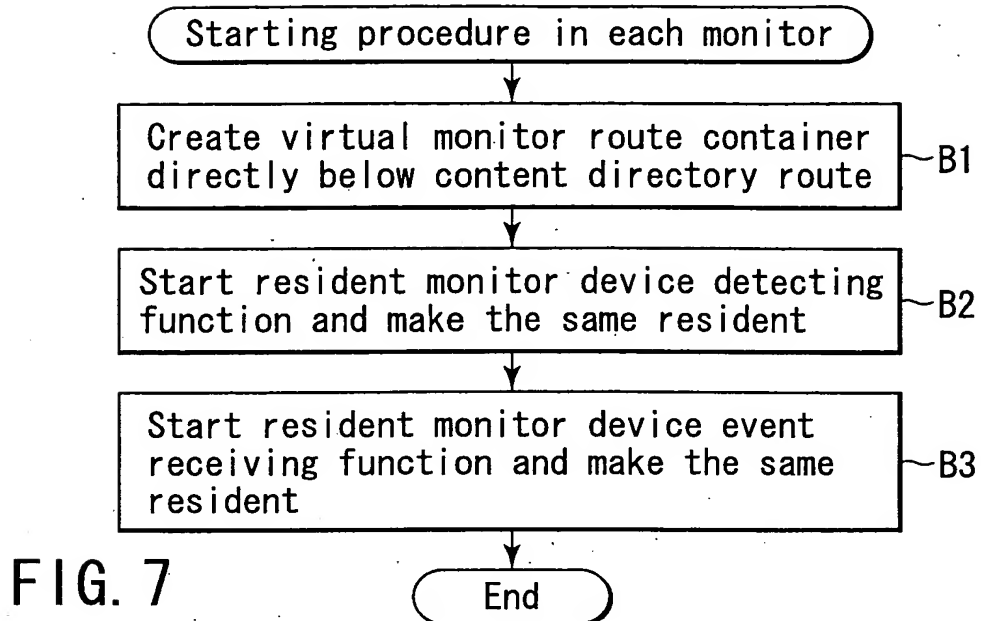


FIG. 9



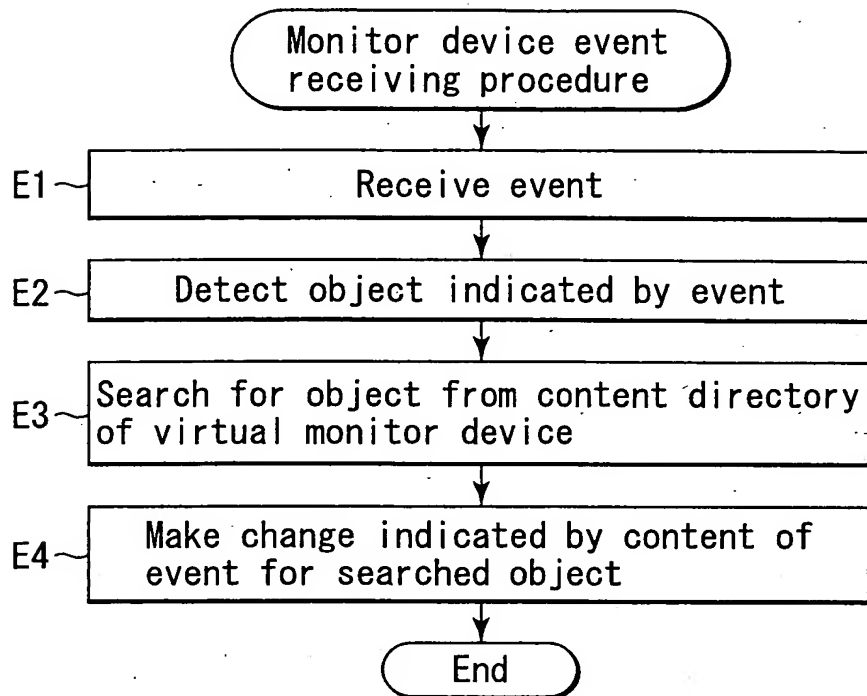


FIG. 10

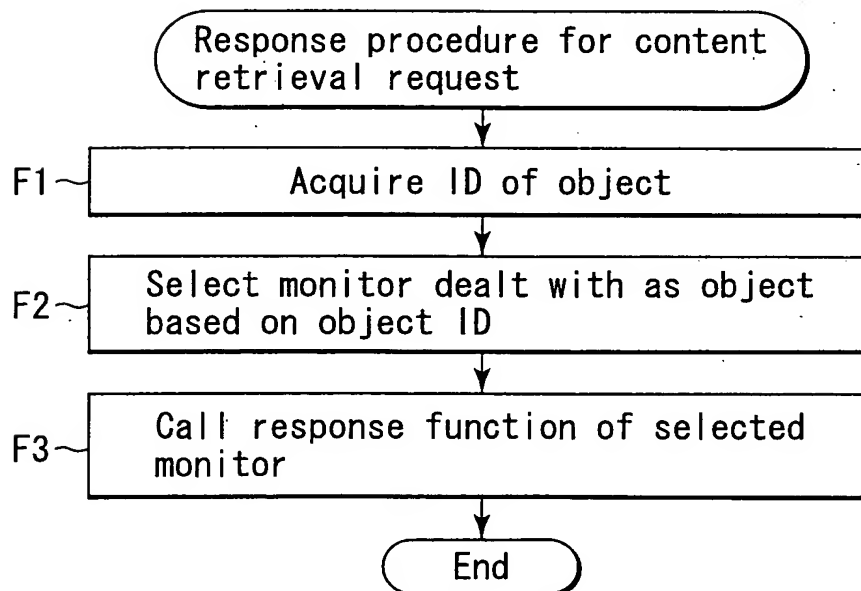
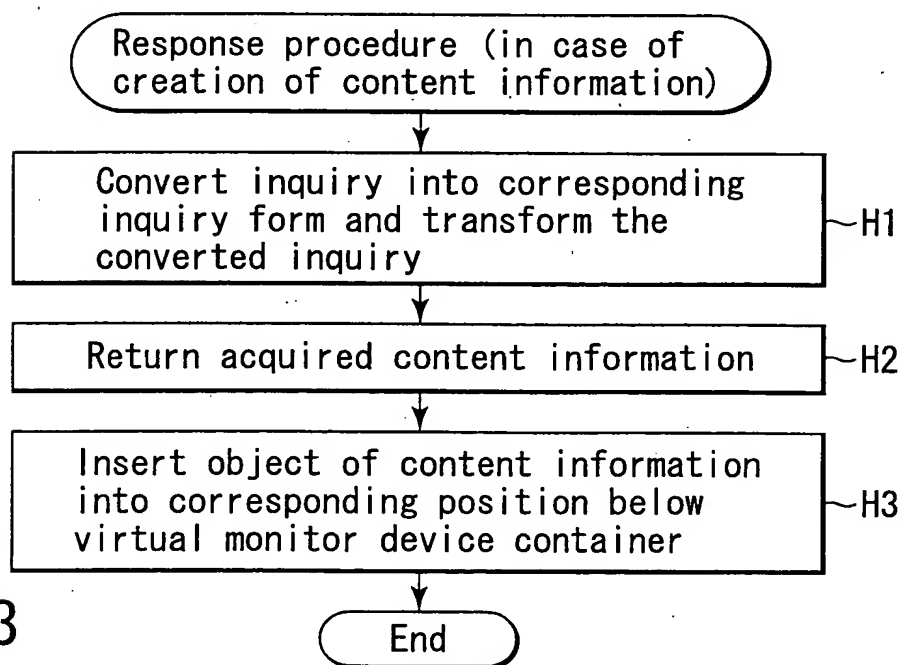
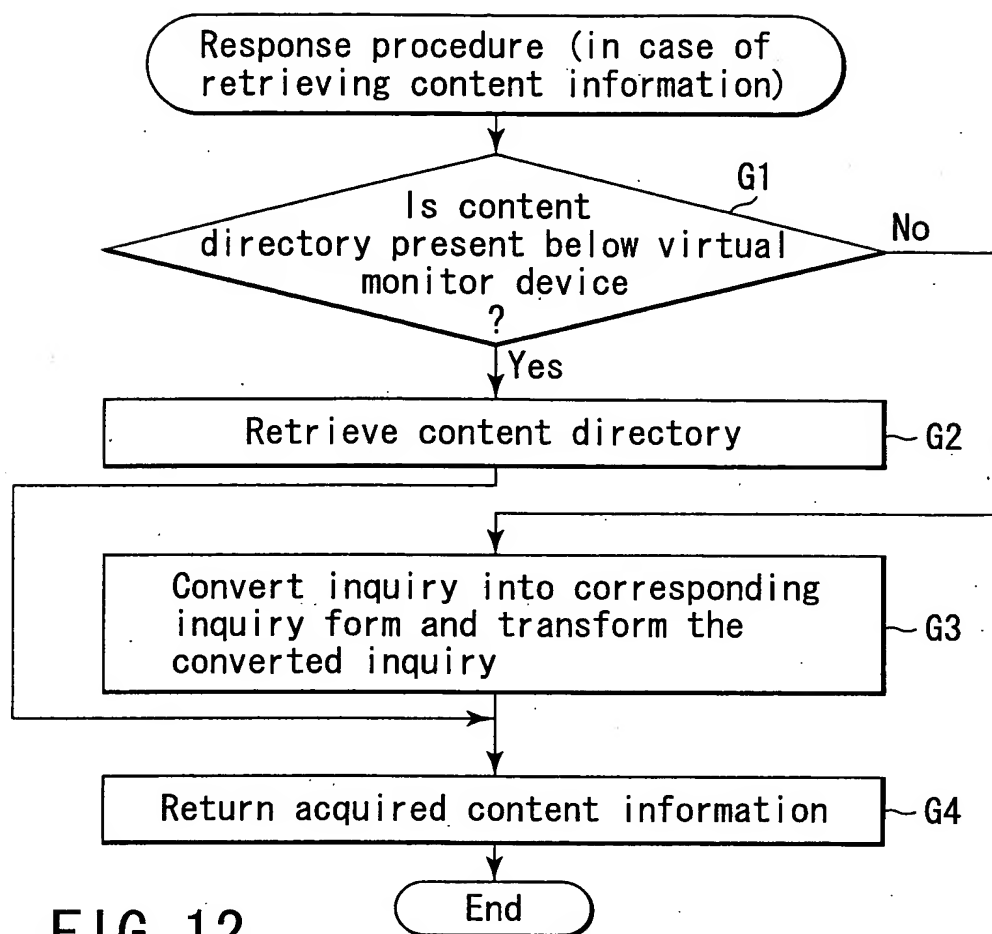
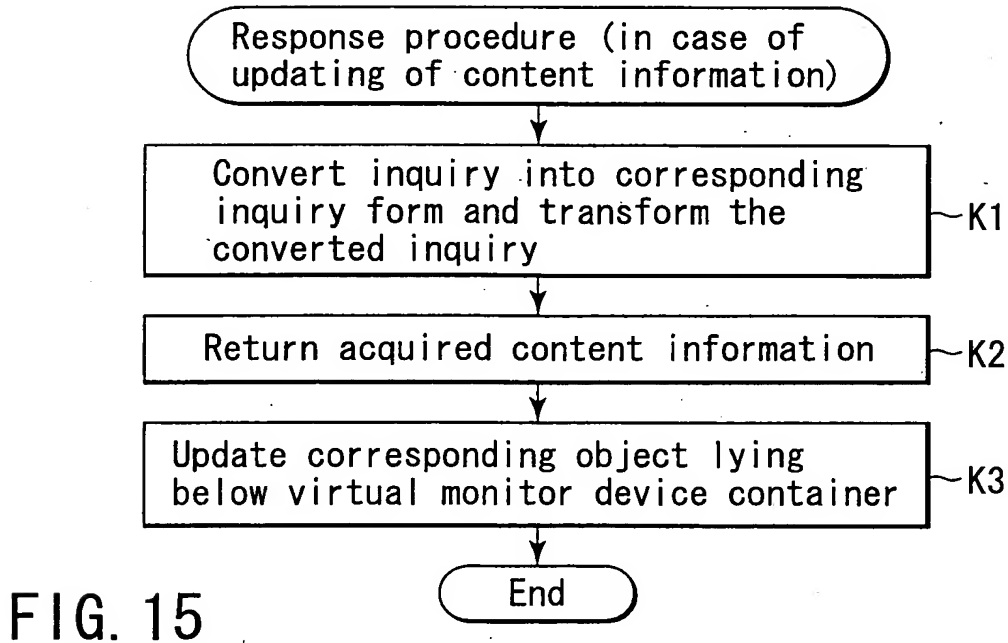
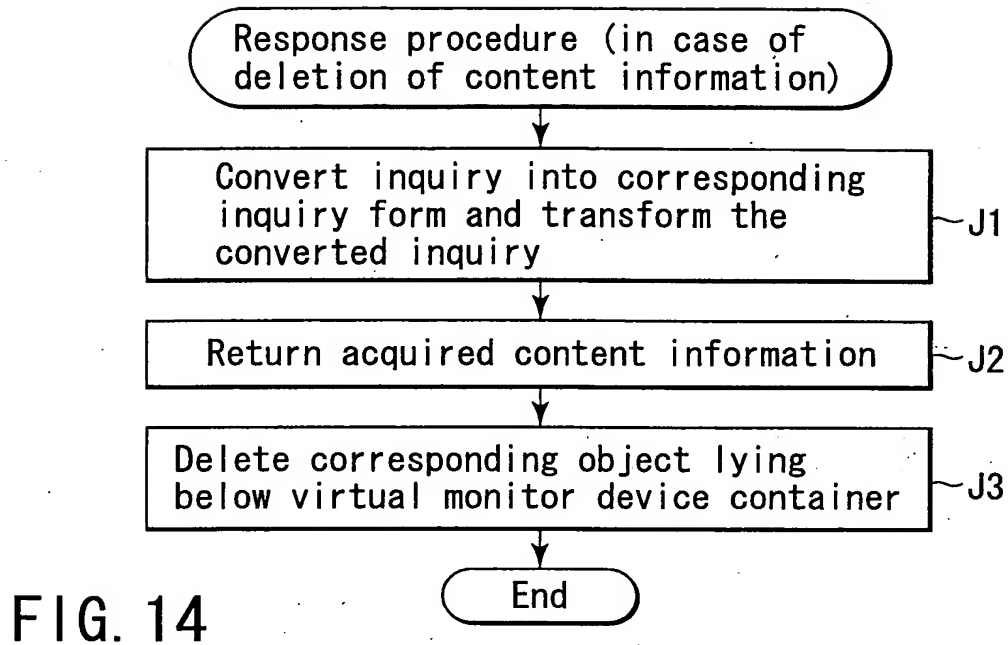


FIG. 11





Item	Specification
Recording destination	HDD
Number	013
Title name	Evening news
CH	CH1
Recording date	2003/03/29 18:10
Time	00:35:00
Recording mode	SP
Rate	4. 6Mbps
Sound quality	D1
Genre	Documentary, liberal education
Protection	Non-protection
Explanation of programs	Introduction of new corners starting from April

FIG. 16

```
<item id="?????"parentID="?????"restricted="?????">
  <dc:title>?????</dc:title>
  <upnp:class>object.item.videoItem.movie</upnp:class>
  <upnp:channel>?????</upnp:channel>
  <upnp:scheduledStartTime>?????</upnp:scheduledStartTime>
  <upnp:scheduledEndTime>?????</upnp:scheduledEndTime>
  <dc:description>?????<dc:description/>
  <upnp:genre>?????</upnp:genre>
</item>
```

FIG. 17

Content information items in AV devices	Items in ContentDirectory service form
"Individual number" "Recording destination" "Number"	id
	upnp:class="object.item.videoItem.movie"
"Title name"	dc:title
"CH"	upnp:channel
"Recording date"	upnp:scheduledStartTime
"Recording date" "Time"	upnp:scheduledEndTime
"Genre"	upnp:genre
"Protection"	restricted
"Explanation of programs"	dc:description

FIG. 18

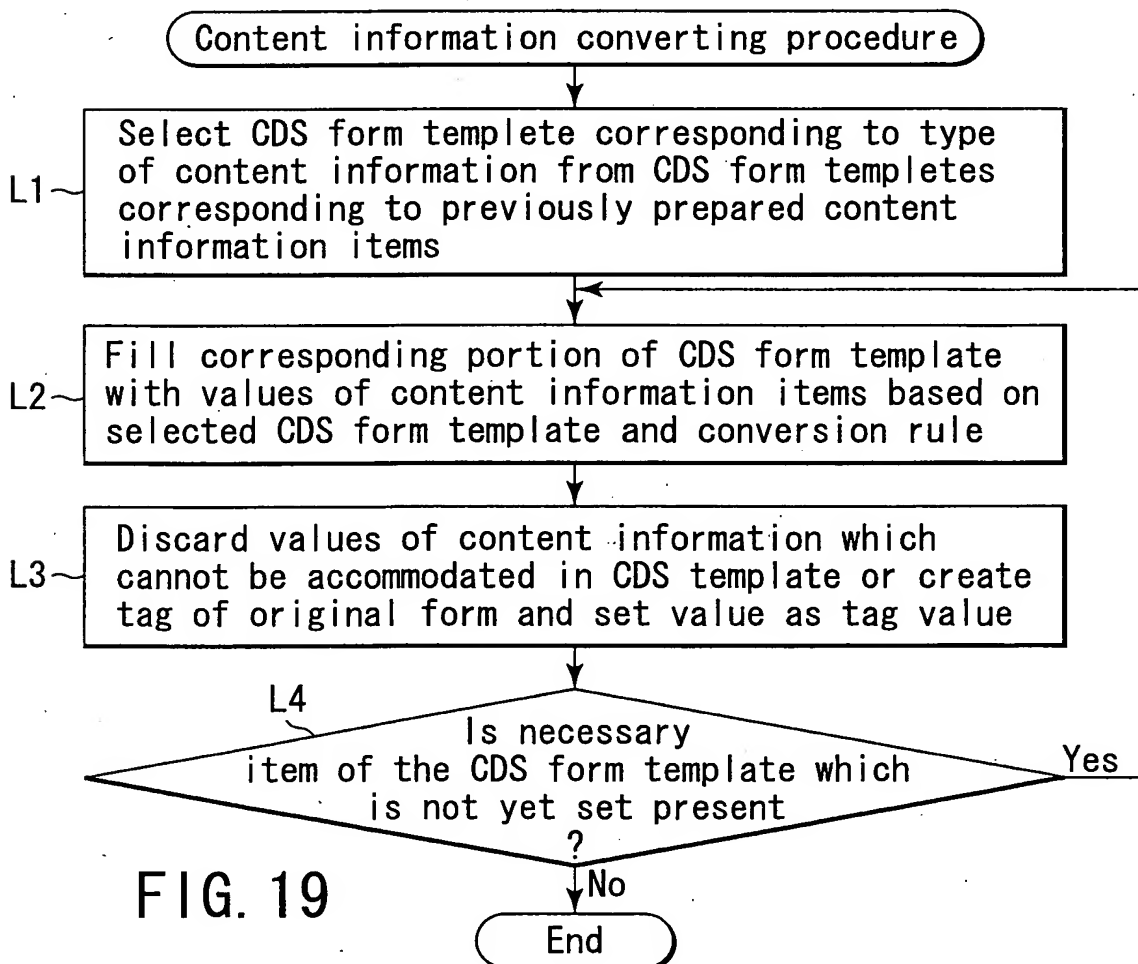


FIG. 19

```
<item id="PVR0002_hdd_013"parentID="PVR0002_hdd_root"restricted="true">
  <dc:title>Evening news</dc:title>
  <upnp:class>object.item.videoItem.movie</upnp:class>
  <upnp:channel>1</upnp:channel>
  <upnp:scheduledStartTime>2003-03-29T18:10:00</upnp:scheduledStartTime>
  <upnp:scheduledEndTime>2003-03-29T18:45:00</upnp:scheduledEndTime>
  <dc:description>Introduction of new corners starting from April<dc:description/>
  <upnp:genre>Documentary, liberal education</upnp:genre>
  <av:originalDevice>DVD-RecorderType1</av:originalDevice>
  <av:originalVideoQuality></av:originalVideoQuality>
  <av:originalSoundQuality>D1</av:originalSoundQuality>
</item>
```

FIG. 20

```
<item id="hdd_013"parentID="hdd_root"restricted="true">
  <dc:title>Evening news</dc:title>
  <upnp:class>object.item.videoItem.movie</upnp:class>
  <upnp:channel>1</upnp:channel>
  <upnp:scheduledStartTime>2003-03-29T18:10:00</upnp:scheduledStartTime>
  <upnp:scheduledEndTime>2003-03-29T18:45:00</upnp:scheduledEndTime>
  <dc:description>Introduction of new corners starting from April<dc:description/>
  <upnp:genre>Documentary, liberal education</upnp:genre>
  <av:originalDevice>DVD-RecorderType1</av:originalDevice>
  <av:originalVideoQuality></av:originalVideoQuality>
  <av:originalSoundQuality>D1</av:originalSoundQuality>
  <res protocolInfo="rtsp-rtp-udp:*:MPV:*">
    rtsp://192.168.10.113/get_stream?id=hdd_013
  </res>
</item>
```

FIG. 21